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28PH

PTO/SB/21 (12/97)

Approved for use through 9/30/2000. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

2827/H  
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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total number of pages in this submission

4

Application Number	09/687,263
Filing Date	October-12, 2000
First Named Inventor	Chok Chia
Group Art Unit	2827
Examiner Name	Graybill, D.

Attorney Docket Number

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and
<input type="checkbox"/> Amendment/Response	<input type="checkbox"/> Licensing-related Paper	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits(s)/declaration(s)	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of time requests	<input type="checkbox"/> Power of Attorney, Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Requests	<input type="checkbox"/> Terminal Disclaimer	1. Return address postcard for PTO mailroom to date stamp. 2. Copy of Refs.
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
	Remarks	

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual Name	Timothy Croll, Reg. No. 36,771, Phone: [+1] 408-433-7472
Signature	
Date	3 APR 03

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope to:  
Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

April 14, 2003

Typed or printed name	Mark Salvatore, Phone: [+1] 408-433-7472
Signature	
Date	4-4-03

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APR 08 2003

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**FEE TRANSMITTAL**

Patent Fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. 1.27 and 1.28.

**TOTAL AMOUNT OF PAYMENT** (\$)**180.00**

Complete if Known	
Application Number	09/687,263
Filing Date	October-12, 2000
First Named Inventor	Chok Chia
Group Art Unit	2827
Examiner Name	D. Graybill
Attorney Docket No.	68510 / 00-282

**METHOD OF PAYMENT (check one)**

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:

Deposit Account Number  
12-2252Deposit Account Number  
LSI LOGIC CORPORATION

Charge Any Additional Fee required Under 37 C.F.R. 1.18 at the Mailing of the Notice of

2.  Payment Enclosed:

Chec  Money Order  Other

**FEE CALCULATION****1. BASIC FILING FEE**

Larg eFee Code	Entit yFee Code	Larg eFee Code	Entit yFee Code	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	
106	330	206	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional Filing fee	

**SUBTOTAL (1) (\$ 0.00)****2. EXTRA CLAIM FEES**

Total claim	Extra Claim	Fee from	Fee Paid
	-20**=		
Independen tClaims	-3**=		
Multiple Dependent		=	

\*\*or number previously paid, if greater; For Reissues, see below

Larg eFee Code	Entit yFee Code	Larg eFee Code	Entit yFee Code	Fee Description
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	82	209	41	**Reissue independent claims over original patent
110	22	210	11	**Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) (\$ 0.00)****3. ADDITIONAL FEES**

Larg eFee Code	Entit yFee Code	Larg eFee Code	Entit yFee Code	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing request for reexamination	
112	920*	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second mont	
117	950	217	475	Extension for reply within third mont	
118	1,510	218	755	Extension for reply within fourth mont	
128	2,060	228	1,030	Extension for reply within fifth mont	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearin	
138	1,510	138	1,510	Petition to institute a public use proceedin	
140	110	240	55	Petition to revive - unavoidable	
141	1,320	241	660	Petition to revive - unintentional	
142	1,320	242	660	Utility issue fee (or reissue	
143	450	243	225	Design issue fe	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissione	
123	50	123	50	Petitions related to provisional application	
126	240	126	240	Submission of Information Disclosure Stmt	180.00
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129)	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129 (b))	
Other fee (specify)					
Other fee (specify)					

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$180.00)****SUBMITTED BY****Complete (if applicable)**

Typed or printed name

Timothy Croll

Reg. Number

36,771

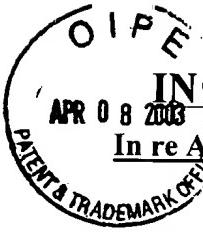
Signature

Date

3 APR 03

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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :

Chok Chia et. al.

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Group Art Unit : 2827

Examiner : Graybill, D.

Atty Docket : 68510 / 00-282

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington D.C. 20231, on the date indicated below:

Mark Salvatore

April 14, 2003  
Date

Signature

## INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

The references listed in the attached form, copies of which are attached, may be material to examination of above-identified application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR 1.56 and 1.97.

It is requested that the information disclosed herein be made of record in the application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 12-2252.

LSI Logic Corporation  
1551 McCarthy Blvd., MS D-106  
Milipitas, CA 95035  
408-433-7475

Date: 13 APR 03

Respectfully submitted,

Timothy Croll

Reg. No. 36,771

04/10/2003 HLE333 0000031 122252 09687263  
01 FC:1806 180.00 CH

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PTO/SB/08A (10-96)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PATENTS  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Sheet 1 of 1

*Complete if Known*

Application Number	09/687,263
Filing Date	October-12, 2000
First Named Inventor	Chok Chia
Group Art Unit	2827
Examiner Name	D. Graybill
Attorney Docket No.	68510 / 00-282

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
		6,054,376		Balakrishnan	04-25-2000	
		6,110,761		Ahmad	08-29-2000	
		6,440,777		Cobbley et al.	08-27-2002	

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where	T
		"The Limits of Wirebond Technology: Is Flip-Chip Attach Now a Prerequisite for Advanced Packaging?", Kuzawinsky, Mark J., IBM MicroNews, 2000, Volume 6, No. 4, pages 1-9	
		2002/0072150 - Author(s) - Cobbley	

Examiner signature	Date considered
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